Powertec Wireless Technology
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RF Adapter, N Male to N Male

SKU: ACC-PT-00051
MPN: AD-N1N1
Barcode: 9337692002748

Description

The RF Adapter N Male to N Male (Part Number: AD-N1N1) by Powertec is a high-quality 50 Ω coaxial adapter designed for seamless connectivity in RF applications. Featuring N Male to N Male interfaces with straight body shapes and free-hanging mounting mechanisms, it ensures compatibility with N Female interfaces. This adapter supports an operating frequency range from 0 GHz to 6 GHz, making it suitable for a variety of applications.

Constructed from Brass with a Gold finish and Gold-plated inner contacts, the adapter ensures excellent conductivity and durability. It performs reliably across a temperature range of -40 °C to 85 °C. The product complies with ISO 9001 Quality Management standards and is RoHS compliant, attesting to its quality and environmental standards.

Powertec, an Australian wireless technology manufacturer and systems integrator established in 1995, is renowned for its expertise in cellular network enhancement, wireless...

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Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

RF Connector Interface

RF Interface	Body Shape	Mounting
N Male	Straight	Free Hanging
N Male	Straight	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	6 GHz	Inner Contact Resistance:	≤ 1 mΩ
RF Operating Voltage:	≥ 500 Vrms	Insulation Resistance:	≥ 5000 mΩ
		Outer Contact Resistance:	≤ 1 mΩ

VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.5:1

Physical Specification

Body Material:	Brass	Contact Material:	Brass
Body Plating:	Gold	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-40 °C
Compliance/Certifications:	ISO 9001 Quality Management , RoHS	Max. Operating Temperature:	85 °C
		Mating Cycles:	> 500

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